TABLE I. Device Parameters.

JPL Part No. 12160 - 1/ 2/ 3/	Manufacturer Part No.	Equivalent to MIL-F-28861/06	Circuit	Minimum Insulation Resistance (MΩ)	Rated voltage	Minimum Capacitance (pF)	Minimum Full Load Insertion Loss (dB) (over full temperature range)					
							1 MHz	10 MHz	100 MHz	200 MHz	1 GHz	10 GHz
H001B	5020-DB6-273FA	-001	C	37k	100 Vdc	0.027	8	28	39	44	64	70
H002B	5040-DB6-273FA	-002	L	37k	100 Vdc	0.027	8	28	39	44	64	70
H003B	5040-DB6-453FA	-003	L	22k	100 Vdc	0.045	14	34	44	50	70	70
H004B	5020-FB6-102FA	-004	C	100k	200 Vdc	0.001	--	4	20	25	40	50
H005B	5020-FB6-502FA	-005	C	100k	200 Vdc	0.005	--	15	34	40	45	50
H006B	5020-FB6-103FA	-006	C	100k	200 Vdc	0.01	4	21	35	40	55	60
H007B	5040-FB6-103FA	-007	L	100k	200 Vdc	0.01	4	21	35	40	55	60

1/ JPL Part number..... 12160 - H001B - XXX

where:

12160 is the JPL detail specification number ST12160

H is the JPL part type designator (H for filters)

001 is the Military specification dash number (001 - 007)

B is the Package style (B for bolt)

XXX is the unique serial number for each part

2/ Each part shall be marked with a unique serial number and all data shall be traceable to the individual part by the serial number.

3/ These parts shall be hermetically sealed and have a case finish of gold per MIL-F-28861, Rev. A.

RELEASED THRU SECTION 356 DATA MANAGEMENT: DATE:

REVISION: C APPROVED BY: DATE:

APPROVED SOURCE(S)

THE ITEM LISTED IN THE APPROVED SOURCE BLOCK AND IDENTIFIED BY VENDOR NAME, ADDRESS, AND PART NUMBER WILL BE EVALUATED AND TESTED BY THE JPL ELECTRONIC PARTS RELIABILITY SECTION OR ITS DELEGATED ALTERNATE BEFORE BEING APPROVED FOR USE. NON-JPL USERS SHALL CHECK WITH THE ELECTRONIC PARTS RELIABILITY SECTION ON THE STATUS OF THE PART'S APPROVAL BEFORE USING.

VENDOR PART NO	VENDOR	JPL PART NO

JET PROPULSION LABORATORY CALIFORNIA INSTITUTE OF TECHNOLOGY

CAGE NO 23835

Procurement specification:
MIL-F-28861, Rev A
Screening specification:
MIL-F-28861, Rev A

Custodian: Electronic Parts Reliability Section 514

TITLE:

FILTER,
COAXIAL, HIGH FREQUENCY, EMI
HERMETICALLY SEALED

DETAIL SPECIFICATION

ST 12160

FILE (Sec. 514): F:\USERS\514\SPECS\ACT-DETL\ST12160.C

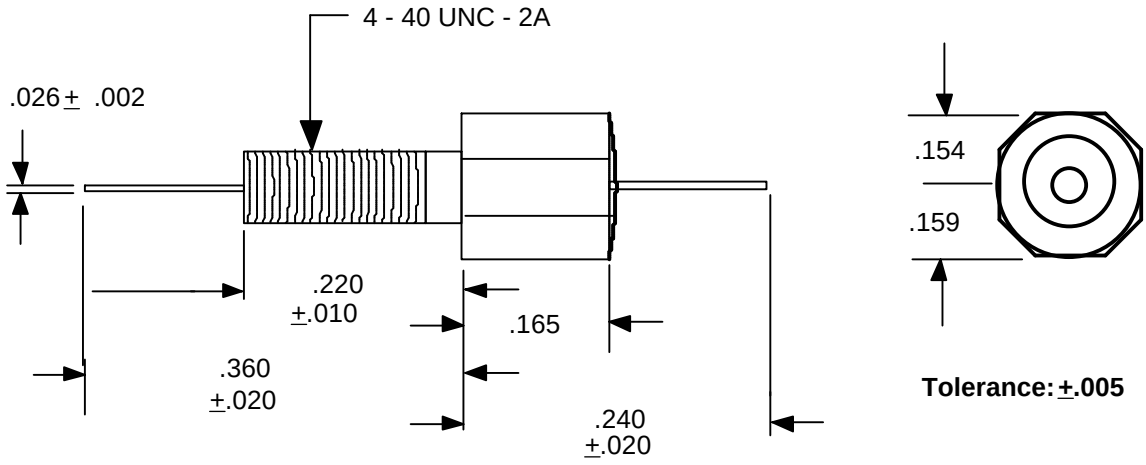


FIGURE 1. Dimensions

JET PROPULSION LABORATORY CALIFORNIA INSTITUTE OF TECHNOLOGY				
ST 12160	REV C	TITLE: FILTER, COAXIAL, HIGH FREQUENCY, EMI HERMETICALLY SEALED	ST	REV
SHEET 2 OF 3			SHEET OF	

TABLE II. General Device Characteristics

Operating Temperature Range	Rated Current	Capacitance Tolerance	Dissipation Factor	Voltage and Temperature Limits of Capacitance	Insulation Resistance	Voltage Drop	DC Resistance	Temperature Rise	Dielectric Withstanding Voltage
-55°C to +125°C	5 A, max.	-0, +100%	3.0%, max.	15, -40%	1/	0.1 V, max.	0.02Ω, max.	+25°C	2/

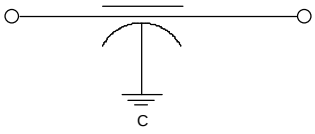
1/ 1000 megohm-microfarad or 100000 megohm minimum, whichever is less, at +25°C. At +125°C = 10% of +25°C value.

2/ 2.5 x rated dc voltage for 5 seconds ± 1 second. 50 mA maximum charging current.

NOTES:

1. This drawing, in conjunction with the Class S requirements of MIL-F-28861, Rev A., impose all requirements for the procurement of these devices. Parts shall be tested to and meet all the requirements for MIL-F-28861, Rev A Class S devices.

2. This document takes precedence over documents referenced herein.



C-SECTION CIRCUIT

L-SECTION CIRCUIT

FIGURE 2. Circuit Style

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Title:
Subject:
Author: Jennifer Sansone
Keywords:
Comments:
Creation Date: 08/08/95 1:56 PM
Revision Number: 2
Last Saved On: 08/08/95 2:03 PM
Last Saved By: Jennifer Sansone
Total Editing Time: 7 Minutes
Last Printed On: 08/08/95 2:05 PM
As of Last Complete Printing
Number of Pages: 3
Number of Words: 631 (approx.)
Number of Characters: 3,602 (approx.)